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Docket No. 295973US0PCT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Makoto YUASA, et al.

SERIAL NO: 10/591,658

GAU:

FILED: September 5, 2006

EXAMINER:

FOR: NIOSOME HAVING METAL PORPHYRIN COMPLEX EMBEDDED THEREIN, PROCESS FOR PRODUCING THE SAME AND DRUG WITH THE USE THEREOF

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available Unedited Computer-Generated English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon

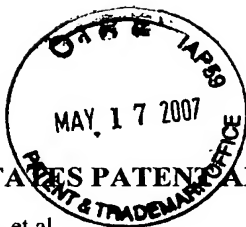
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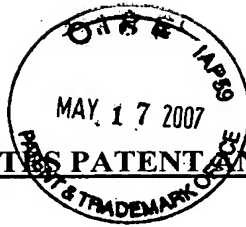
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STATEMENT OF RELEVANCY

References AN to AX on Form PTO-1449:

The references are cited in the present description.

MAY 17 2007

SHEET 1 OF 1

Form PTO 1445
(Modified)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

295973US0PCT

SERIAL NO.

10/591,658

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Makoto YUASA, et al.

FILING DATE

September 5, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AH	5-229948	09/07/1993	Japan (submitting English abstract and Unedited Computer-Generated English Translation only, reference previously filed on 12/01/2006)	X	
	AI	2000-247978	09/12/2000	Japan (submitting English abstract and Unedited Computer-Generated English Translation only, reference previously filed on 12/01/2006)	X	
	AJ					
	AK					
	AL					
	AM					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	K. KALYANASUNDARAM, et al., "Photochemistry of Water-Soluble Porphyrins: Comparative Study of Isomeric Tetrapyrrolyl- and Tetrakis-(N-Methylpyridiniumyl)porphyrins", INORG. CHEM., Vol. 23, 1984, pages 2453-2459.			
	AO	Alan D. ADLER, et al., "On the preparation of metalloporphyrins", J. INORG. NUCL. CHEM., Vol. 32, 1970, pages 2443-2445.			
	AP	Takashi YONETANI, et al., "Electromagnetic Properties of Hemoproteins", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 245, No. 11, June 10, 1970, pages 2998-3003.			
	AQ	Peter HAMBRIGHT, et al., "Synthesis and Characterization of New Isomeric Water-Soluble Porphyrins Tetra(2-N-methylpyridyl)porphine and Tetra(3-N-methylpyridyl)porphine", INORGANIC CHEMISTRY, Vol. 15, No. 9, 1976, pages 2314-2315.			
	AR	Eishun TSUCHIDA, et al., "POLY(VINYLPYRROLIDONE) -BOUND DIPHENYLHEME", CHEMISTRY LETTERS, 1984, pages 997-1000.			
	AS	Robert F. PASTERNAK, et al., "Superoxide Dismutase Activities of an Iron Porphyrin and Other Iron Complexes", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, Vol. 101, No. 4, February 14, 1979, pages 1026-1031.			
	AT	Joe M. McCORD, et al., "Superoxide Dismutase", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 244, No. 22, November 25, 1969, pages 6049-6055.			
	AU	John BUTLER, et al., "Kinetics and Mechanism of the Reduction of Ferricytochrome c by the Superoxide Anion", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 257, No. 18, September 25, 1982, pages 10747-10750.			
	AV	Ines BATINIĆ-HABERLE, et al., "The Ortho Effect Makes Manganese(III) Meso-Tetrakis-(N-Methylpyridinium-2-yl)Porphyrin a Powerful and Potentially Useful Superoxide Dismutase Mimic", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 273, No. 38, September 18, 1998, pages 24521-24528.			
	AW	Toshiyuki OHSE, et al., "Cell death by reactive oxygen species generated from water-soluble cationic metalloporphyrins as superoxide dismutase mimics", JOURNAL OF INORGANIC BIOCHEMISTRY, Vol. 85, 2001, pages 201-208.			
	AX	Dennis P. RILEY, et al., "Stopped-Flow Kinetic Analysis for Monitoring Superoxide Decay in Aqueous Systems", ANALYTICAL BIOCHEMISTRY, Vol. 196, 1991, pages 344-349.			<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.